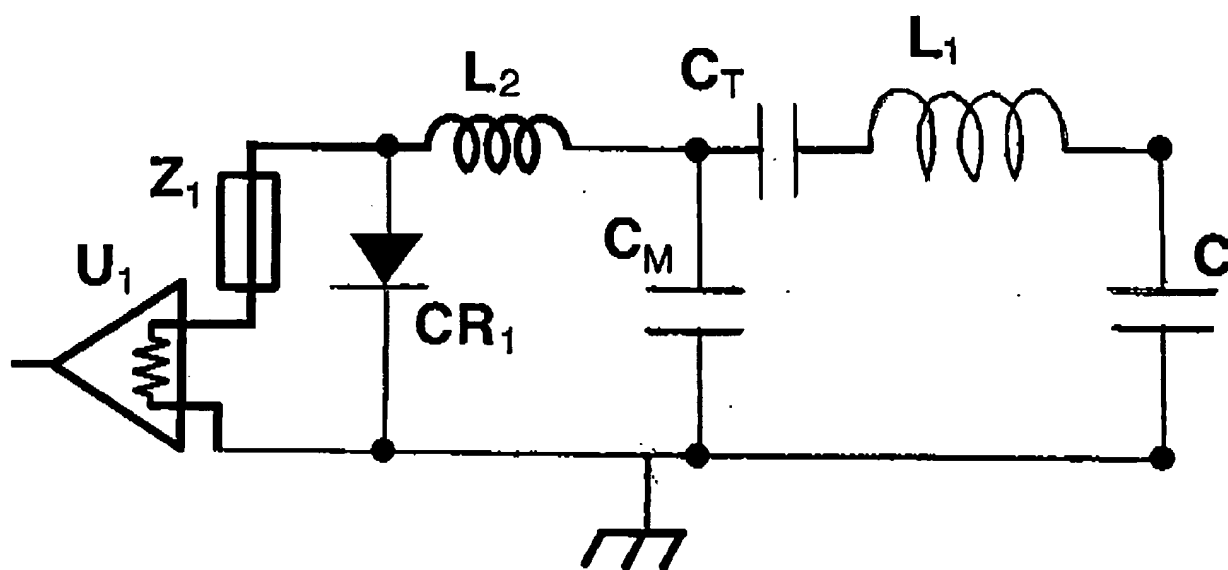


NEW SHEET



L1, RX, typ 190 nH,  $Q \approx 60$  (body loaded)

L2, TRAP, typ 30 nH, parallel resonant to  $C_M$

$C_T$  TUNE, typ 39 pF;  $C_M$  MATCH, typ 220 pF

$C = C_T C_M / (C_T + C_M)$

CR1 Pin Diode, bias (not shown) on for TX, off for RX

Z1, half wave line

U1, PREAMP,  $R_{in} \approx 3-5 \Omega$

**FIG. 4**